

Revisions					216389	D
LAL	Rev.	Description	Chk	Date	Approved	
	A	ENGRG RELEASE	<i>FW</i>		<i>R. Freeman</i>	
	B	REVISED	<i>FW</i>	6-14 76	<i>R. Freeman</i>	
	C	REVISED RESET MODE REGISTER LOGIC	<i>FW</i>	7-19 76	<i>R. Freeman</i>	
	D	M/L ITEM 11 8T10 WAS 74173. SH 9 A14,15,16,17 8T10 WAS 74173. SH 11 A46, 47 8T10 WAS 74173.	<i>FW</i>	10-22 76	<i>R. Freeman</i>	

THIS DOCUMENT CONTAINS 18 SHEETS

Dist Code ALT

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		1. Tolerances .XX $\pm .03$ Angular .XXX $\pm .010$ $\pm \frac{1}{2}^\circ$		Check <i>M. Freeman</i>	6-15-76		
		2. Break All Sharp Edges .010 Approx.		Appr. <i>R. Freeman</i>			
		3. Mach. Surfaces <input checked="" type="checkbox"/>		Material			
4. All Dim. in Inches							
Model No. First Use ALTO II EW0 7YF 92	Finish		Code Ident. 18338	Size A	Dwg. No. 216389		Change Letter D
Next Assy. First Use 216302			Scale	Do Not Scale Drawing		Sheet 1	

NOTES: UNLESS OTHERWISE SPECIFIED

1. CUT ETCH AND ADD JUMPER AS FOLLOWS:
 - A. CUT ETCH BETWEEN A11-13 AND FEED THRU (NEAR C22), (COMPONENT SIDE), (FEED THRU CONNECTS TO PIN 70).
 - B. CUT ETCH BETWEEN A11-10 AND A11-13, (CIRCUITRY SIDE).
 - C. ADD JUMPER FROM A11-10 TO FEED THRU (NEAR C22), (FEED THRU CONNECTS TO PIN 70).
 - D. ADD JUMPER FROM PIN 73 TO A11-13.
2. ASSEMBLE PER ALTO II MODULE ASSEMBLY SPECIFICATION, DWG NO. 216207.

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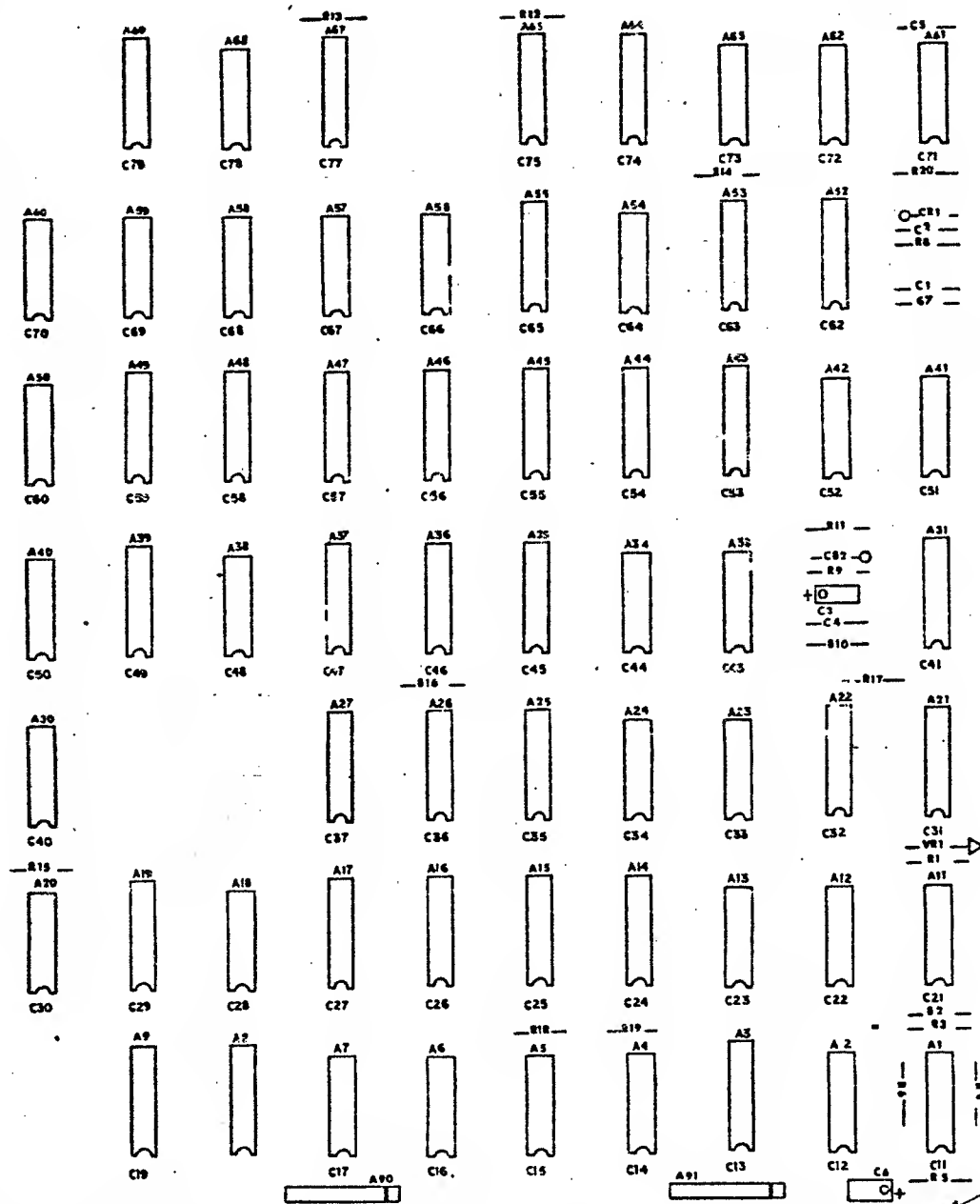
Of

ASSY NO. 216389

P.W. NO. 312381

1011101171 DISK CONTROL

59
58
2 PLACES



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Material List

ML	Drawing No. 216389	Rev. D
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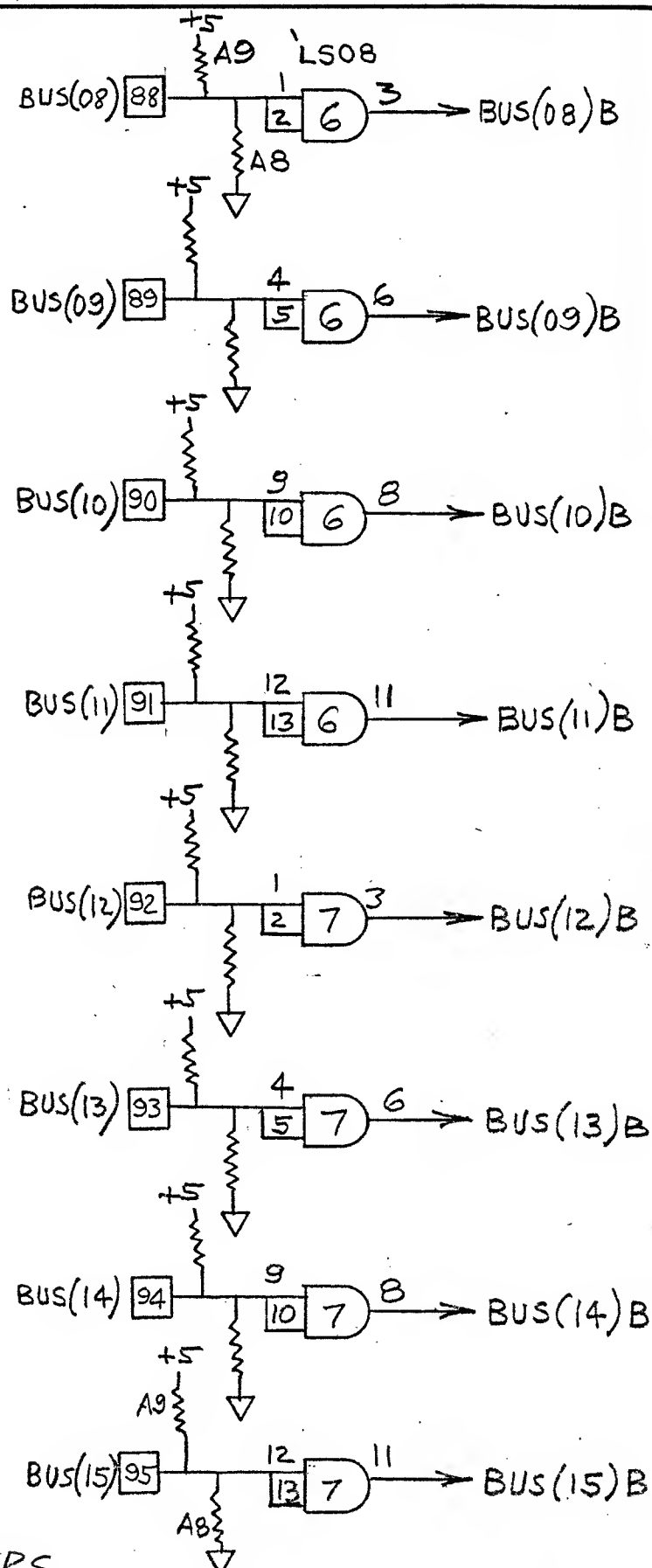
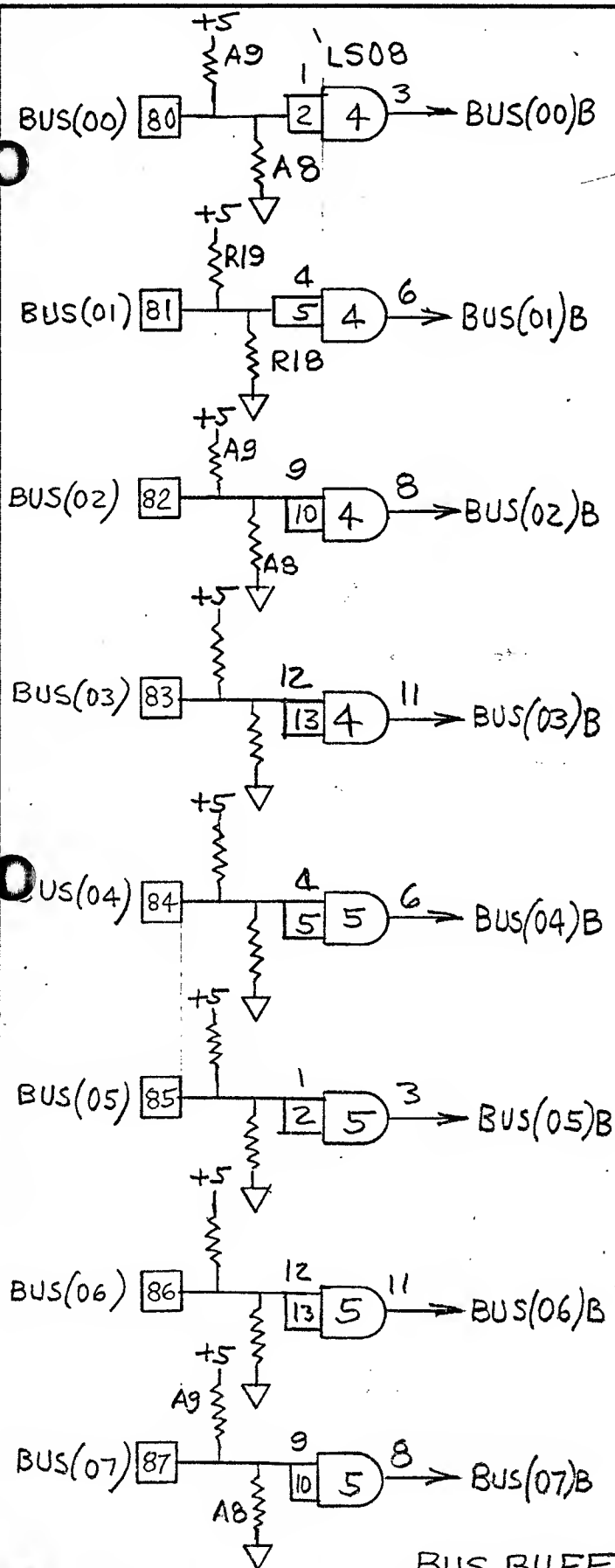
Rev. D	Drawing Title ALTO II ASSEMBLY, PRINTED WIRING- DISK CONTROL
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Model No. ALTO II	Date 6/14/76	Sheet 4 of

Item No.	Drawing Title	Drawing No.	No. Req.	Remarks
1	BOARD, PRINTED WIRING	216391	1	
2	SPEC, TEST	216390	REF	
3	SPEC, MODULE ASSEMBLY	216207	REF	
4	MICROCIRCUIT, MPQ3303		1	A1
5			3	A2, 56, 59
6			1	A3
7			4	A4, 5, 6, 7
8			1	A11
9			1	A12
10			2	A13, 18
11			6	A14, 15, 16, 17, 46, 47
12			2	A19, 39
13			5	A20, 30, 40, 58, 68
14			8	A21, 22, 43, 44, 45, 53, 55, 67
15			2	A23, 57
16			2	A24, 34
17			3	A25, 26, 27
18			2	A31, 52
19			2	A33, 63
20			1	A35
21			2	A36, 37
22			2	A38, 42
23			1	A41
24			2	A48, 49
25			2	A50, 60
26			1	A54
27			1	A61
28			1	A64
29			1	A65
30	MICROCIRCUIT, 74161		1	A69
31	OSCILLATOR, K1100A		1	A62
32				

Material List

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Drawing Title		These drawings and specifications, and the data contained therein, are the exclusive property of Xerox Corporation and/or Rank Xerox, Ltd. issued in strict confidence and shall not, without the prior written permission of Xerox Corporation or Rank Xerox, Ltd., be reproduced, copied or used for any purpose whatsoever, except the manufacture of articles for Xerox Corporation or Rank Xerox, Ltd.			
ALTO II ASSEMBLY, PRINTED WIRING- DISK CONTROL		Model No. ALTO II		Date 6/14/76	
				Sheet 5 of	
Item No.	Drawing Title	Drawing No.	No. Req.	Remarks	
33	RESISTOR, NETWORK, DIP, 270Ω (AB#316A271)		1	A9	
34	RESISTOR, NETWORK, DIP, 560Ω (AB#316A561)		1	A8	
35	RESISTOR, NETWORK, 470Ω, (CTS #750-81-R470)		2	A90, 91	
36	RESISTOR, FILM, 39Ω ±5%, 1/4W	116447-390	2	R1, R2	
37	200 Ω ±5%, 1/4W	116447-201	5	R3, 4, 5, 6, 12	
38	24K ±5%, 1/4W	116447-243	2	R7, 8	
39	15K ±5%, 1/4W	116447-153	1	R9	
40	30K ±5%, 1/4W	116447-303	1	R10	
41	330 Ω ±5%, 1/4W	116447-331	1	R11	
42	560 Ω ±5%, 1/4W	116447-561	1	R18	
43	270 Ω ±5%, 1/4W	116447-271	1	R19	
44	RESISTOR, FILM, 1K ±5%, 1/4W	116447-102	5	R13, 14, 15, 16, 17	
45					
46	DIODE, IN4148		2	CR1, CR2	
47	DIODE, ZENER, IN5227		1	VR1	
48					
49	CAPACITOR, 150PF NYTRONICS DC151		1	C1	
50	CAPACITOR, .01μF		2	C2, C4	
51	CAPACITOR, .47μF ±20%, 50V	114491-474	1	C3	
52	CAPACITOR, 270PF NYTRONICS DC 271		1	C5	
53	CAPACITOR, TANT., 22μF ±20%, 15V	114491-226	1	C6	
54	CAPACITOR, .05μF, 10V CENTRALAB#UK10-503		62	C11-17, 19, 21-37, 40, 41, 43-60, 62-75, 77-79	
55					
56	SOCKET, MICROCIRCUIT		31	AUGAT#514-AG10D	
57	SOCKET, MICROCIRCUIT		32	AUGAT#516-AG10D	
58	RIVET	156111-005	2		
59	EXTRACTOR	216250	2		
60	STIFFENER	216242	1		



BUS BUFFERS

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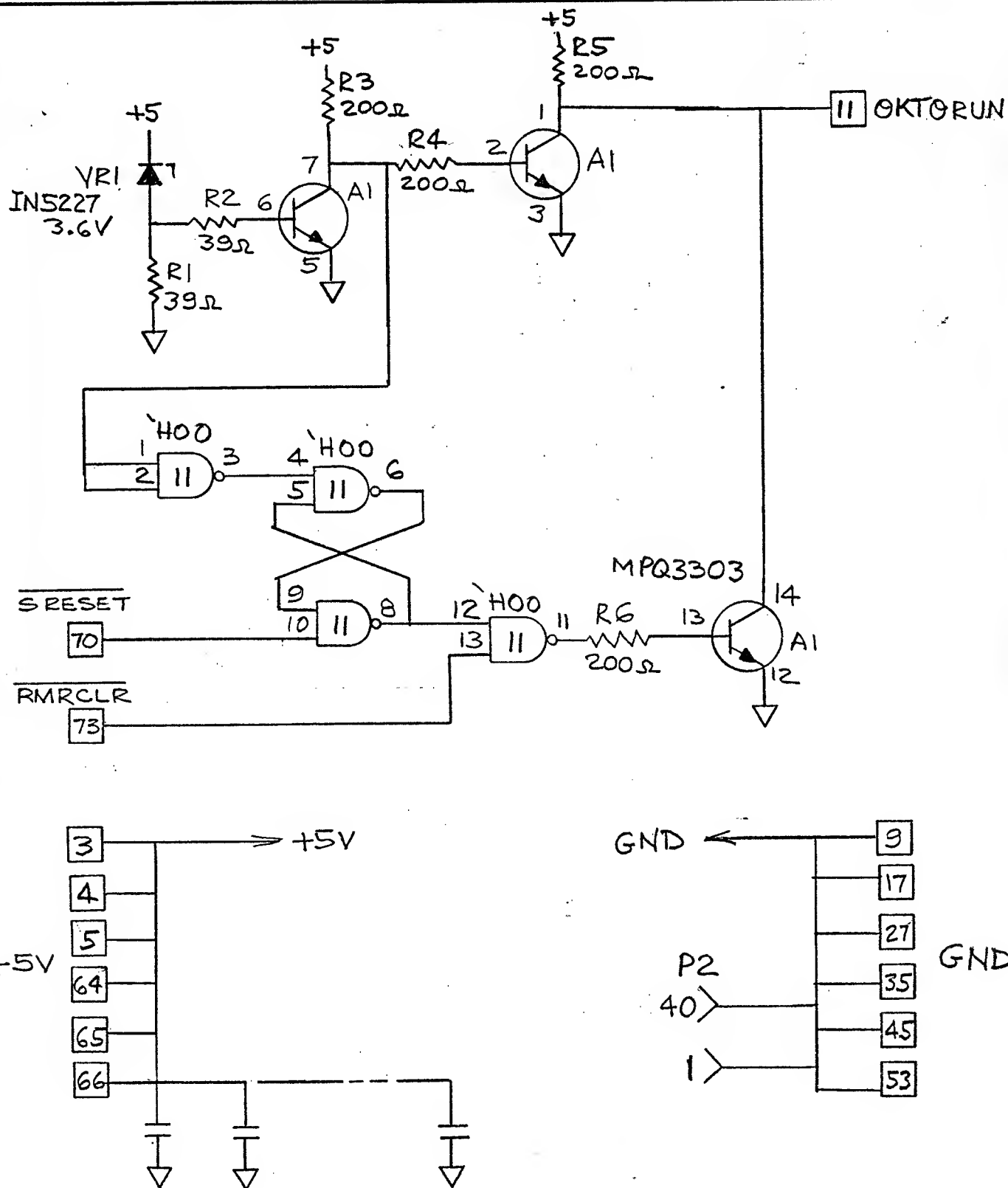
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POWER ON RESET

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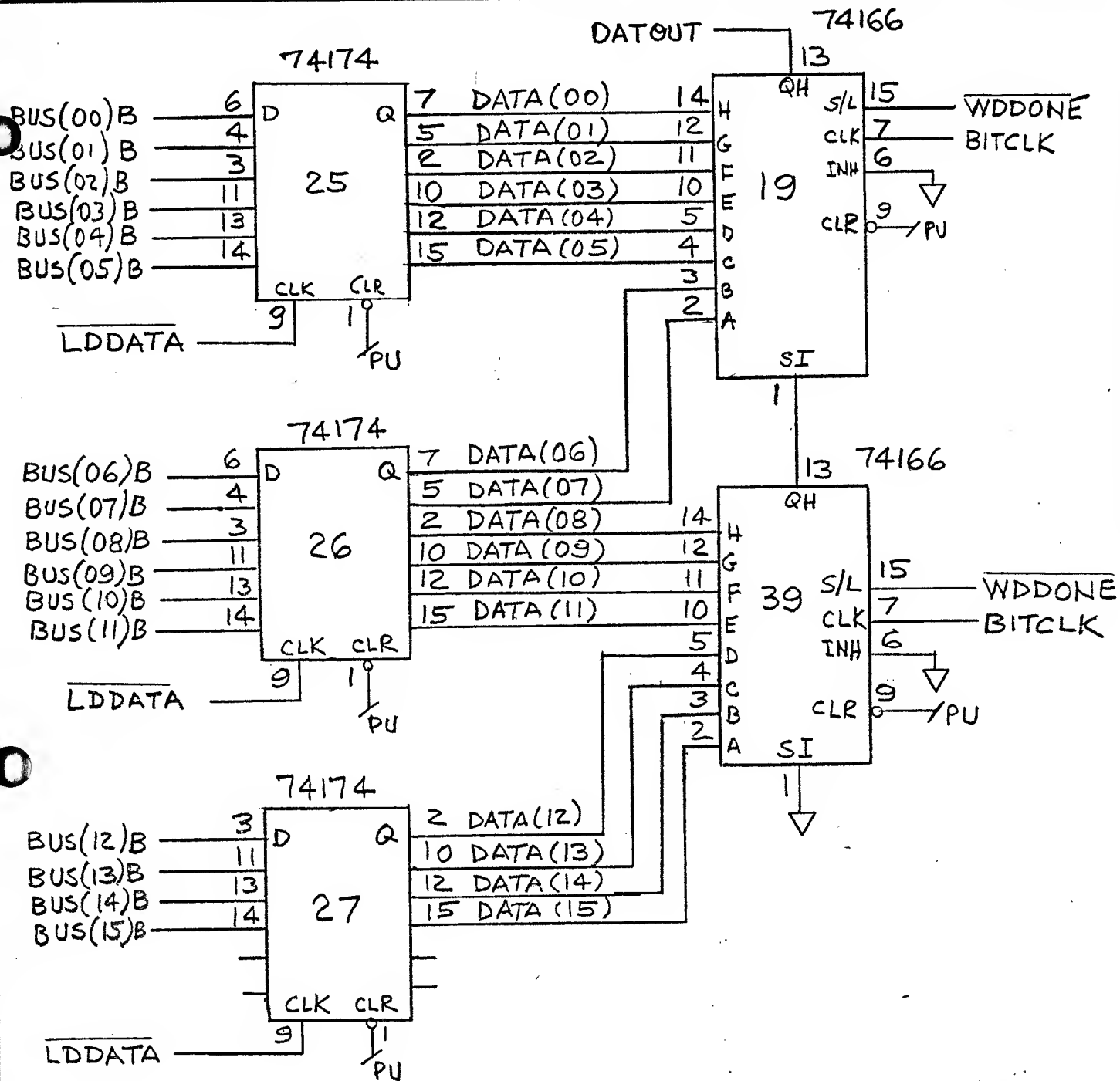
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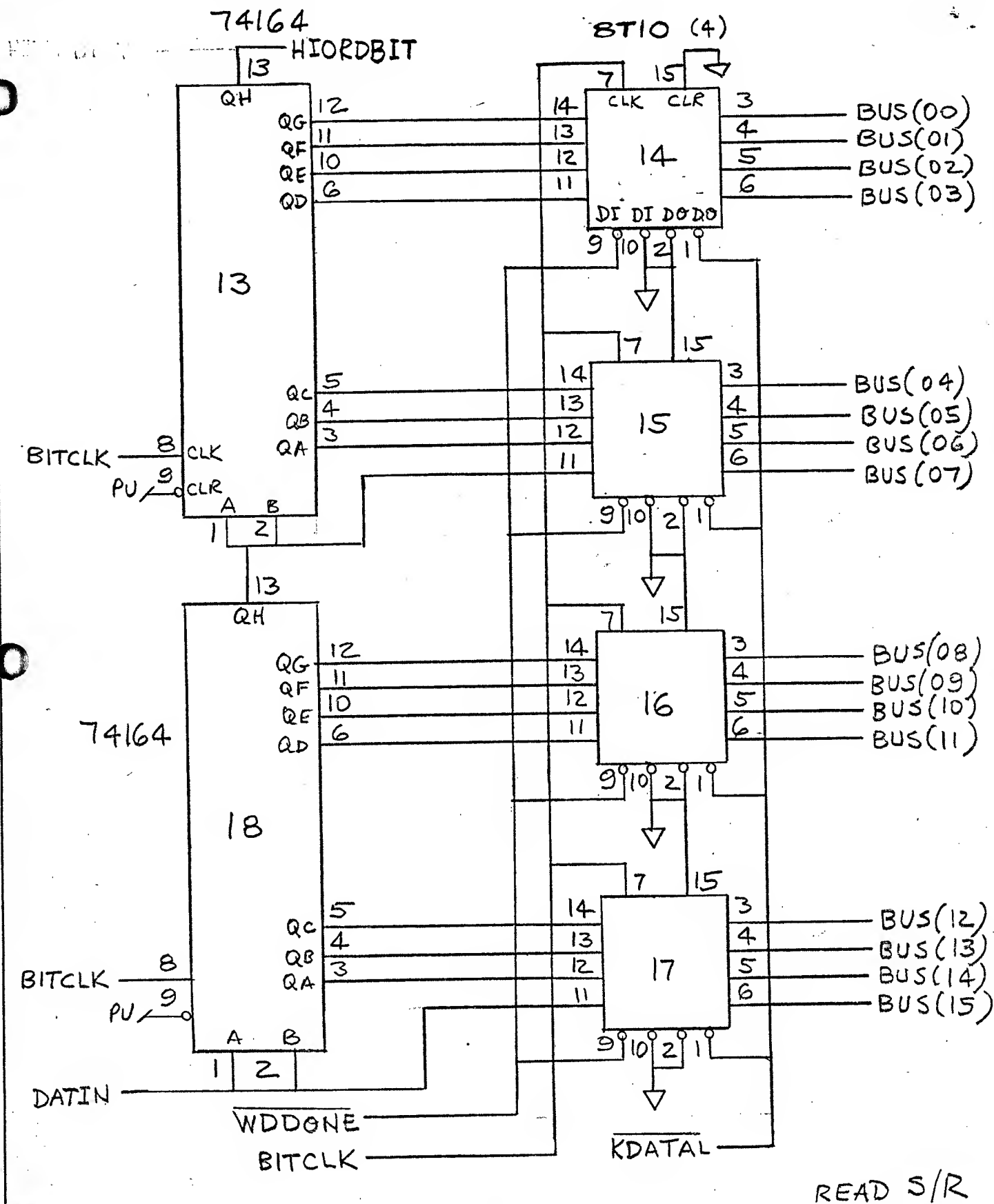
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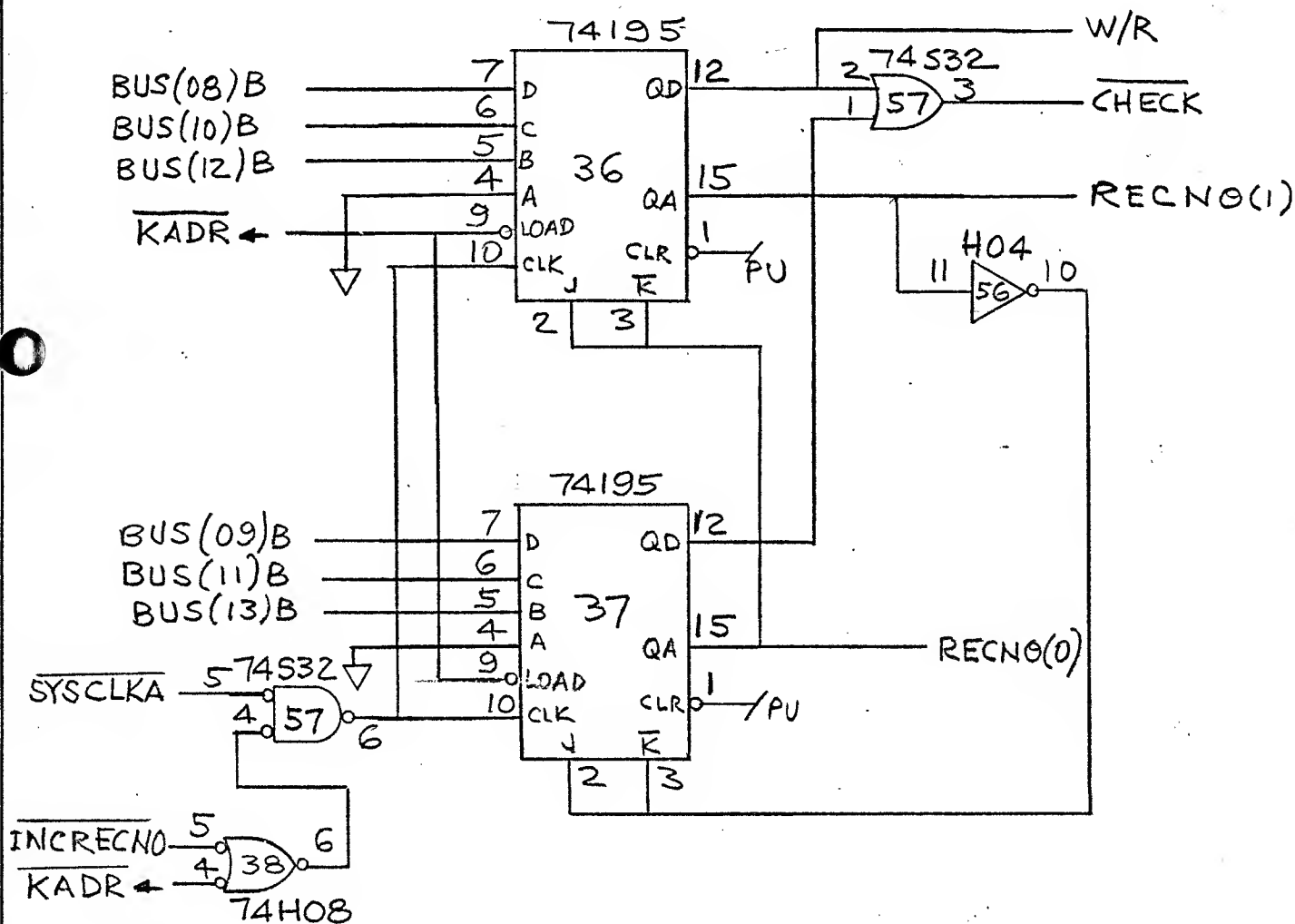
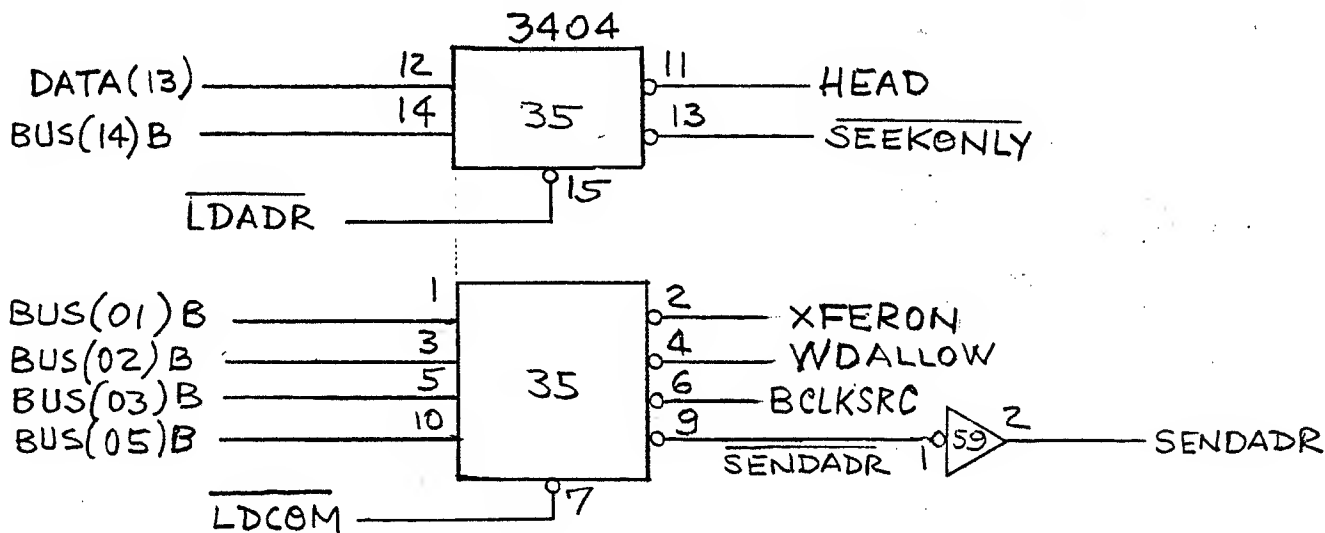
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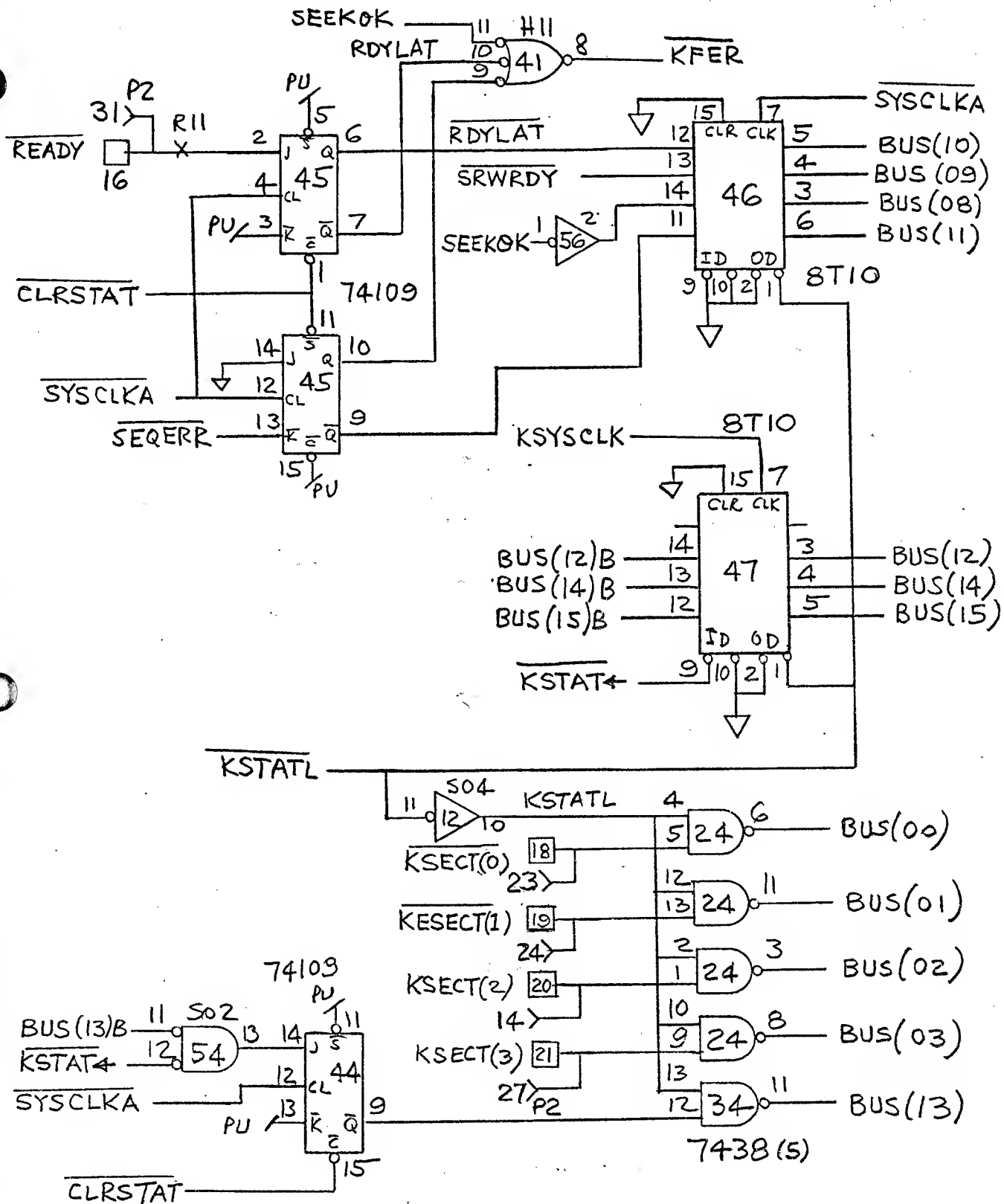
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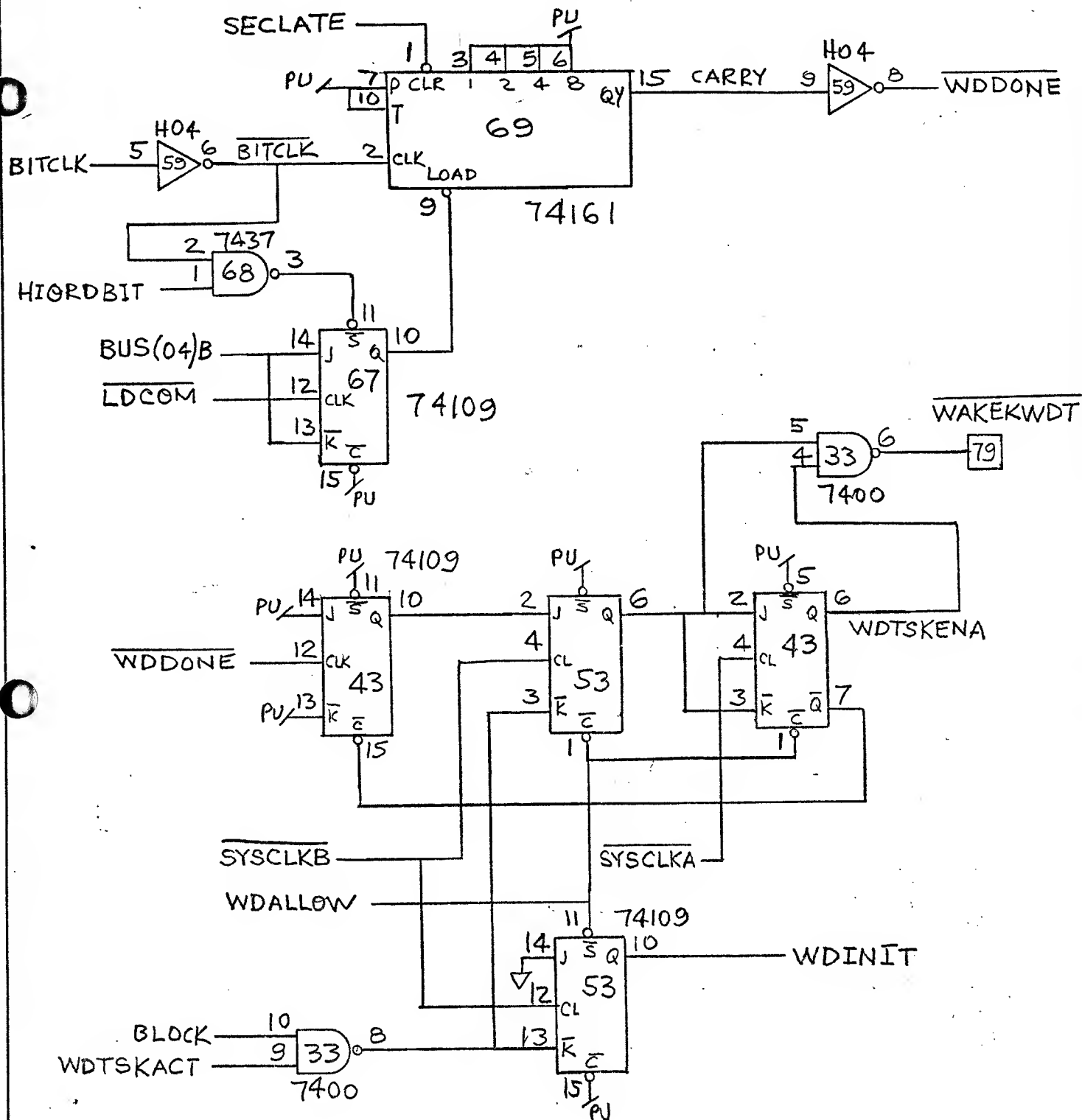
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WORD TIMING

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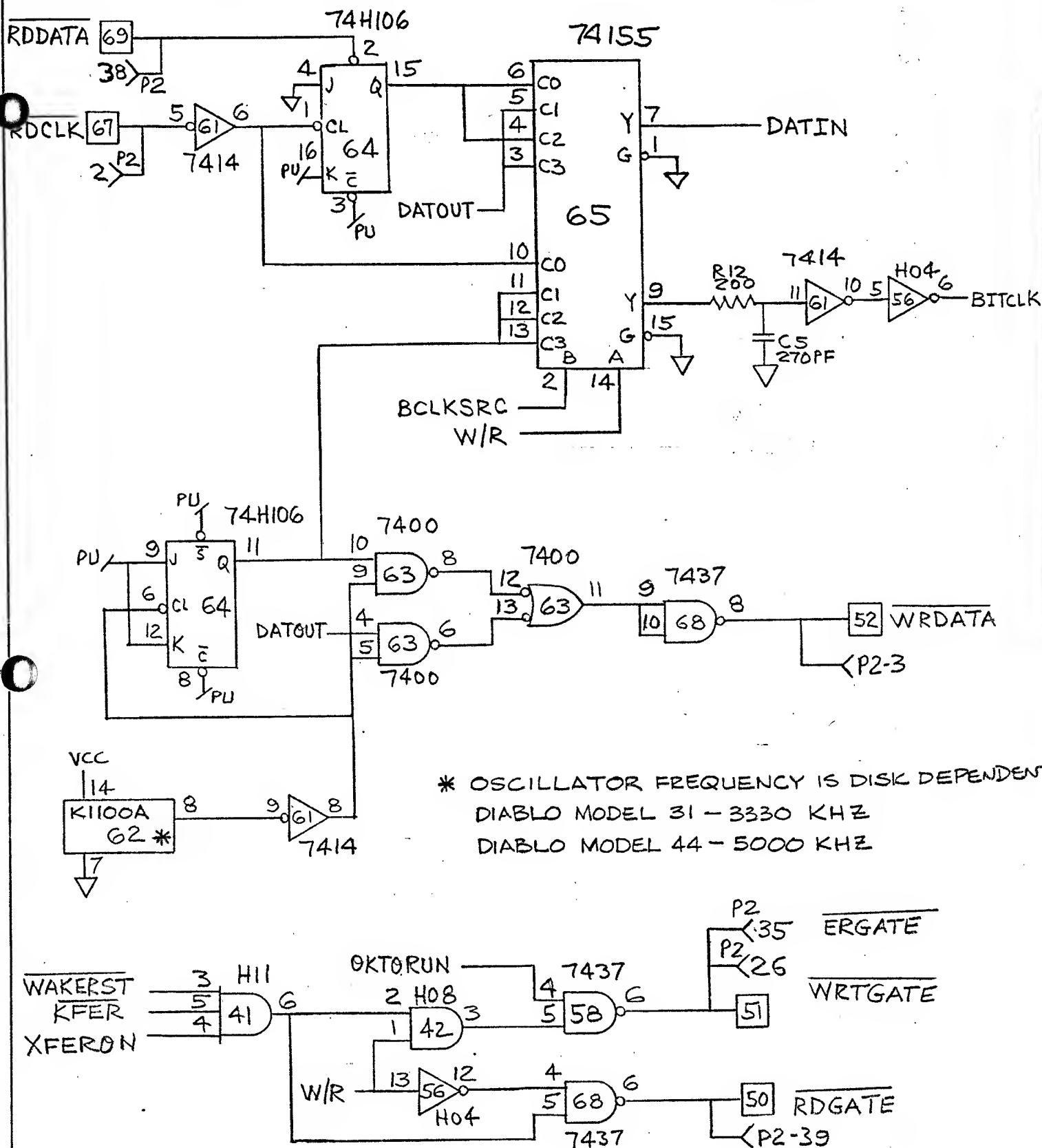
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DATA HANDLING

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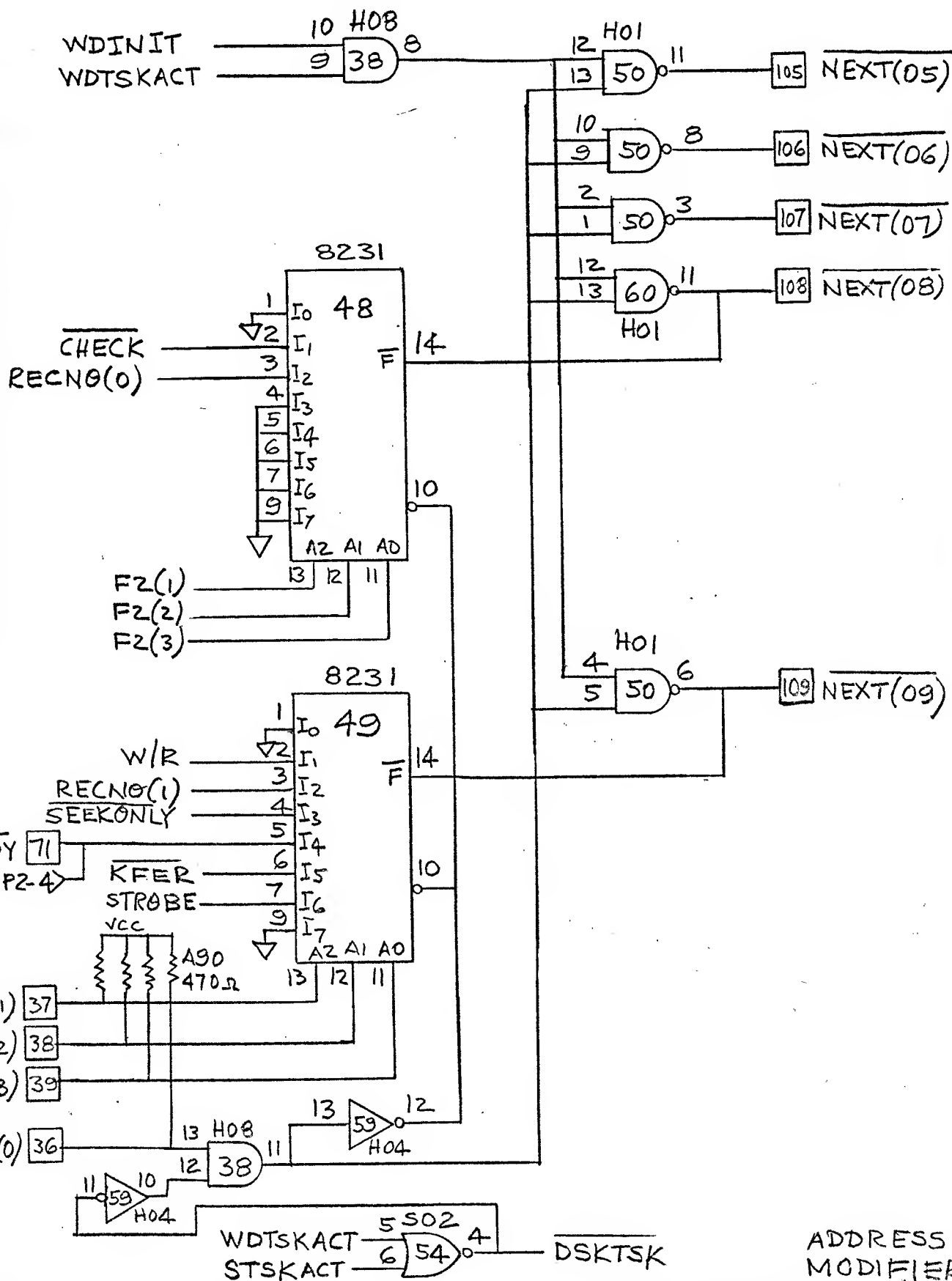
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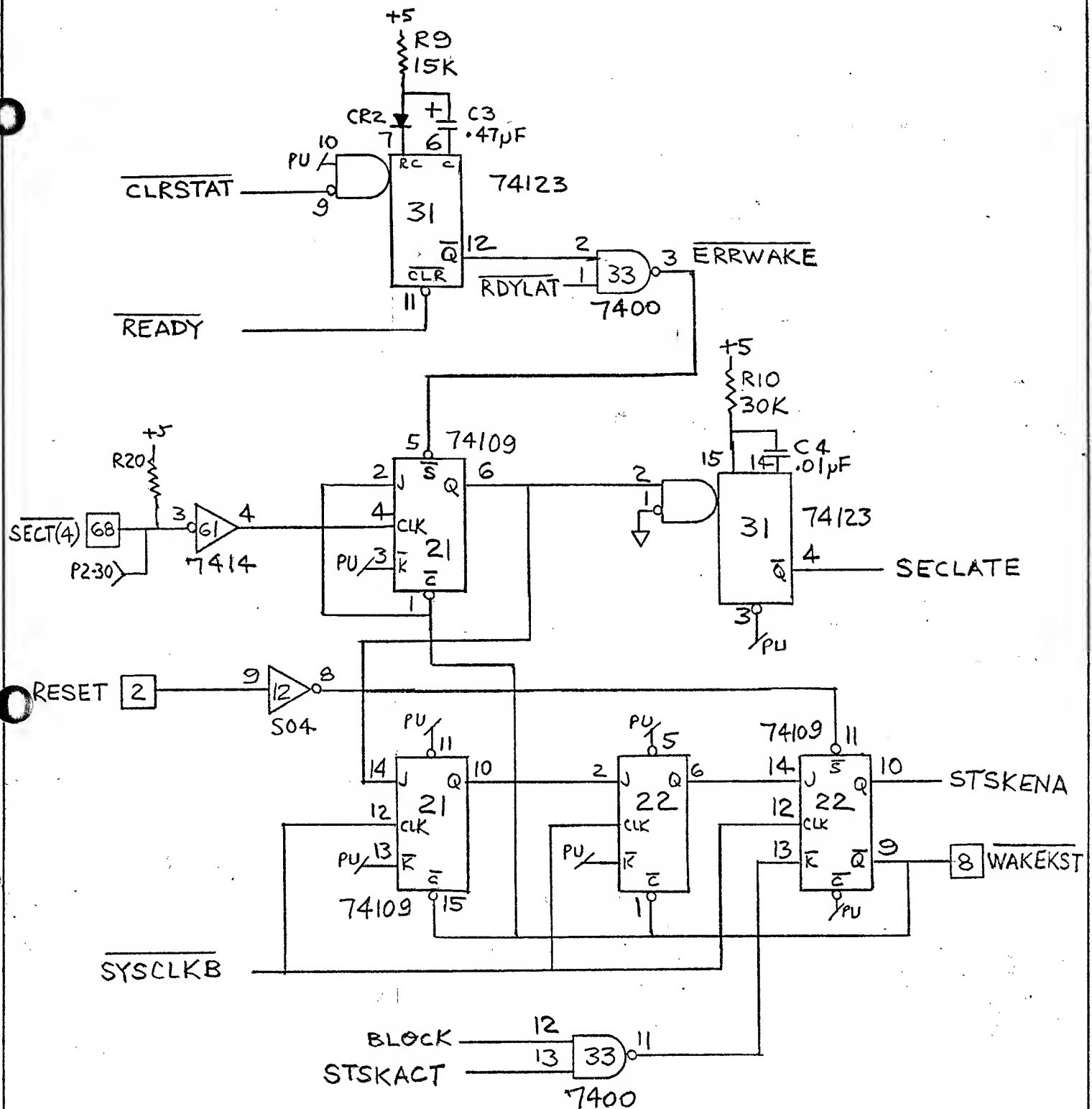
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SECTOR, ERROR WAKEUPS

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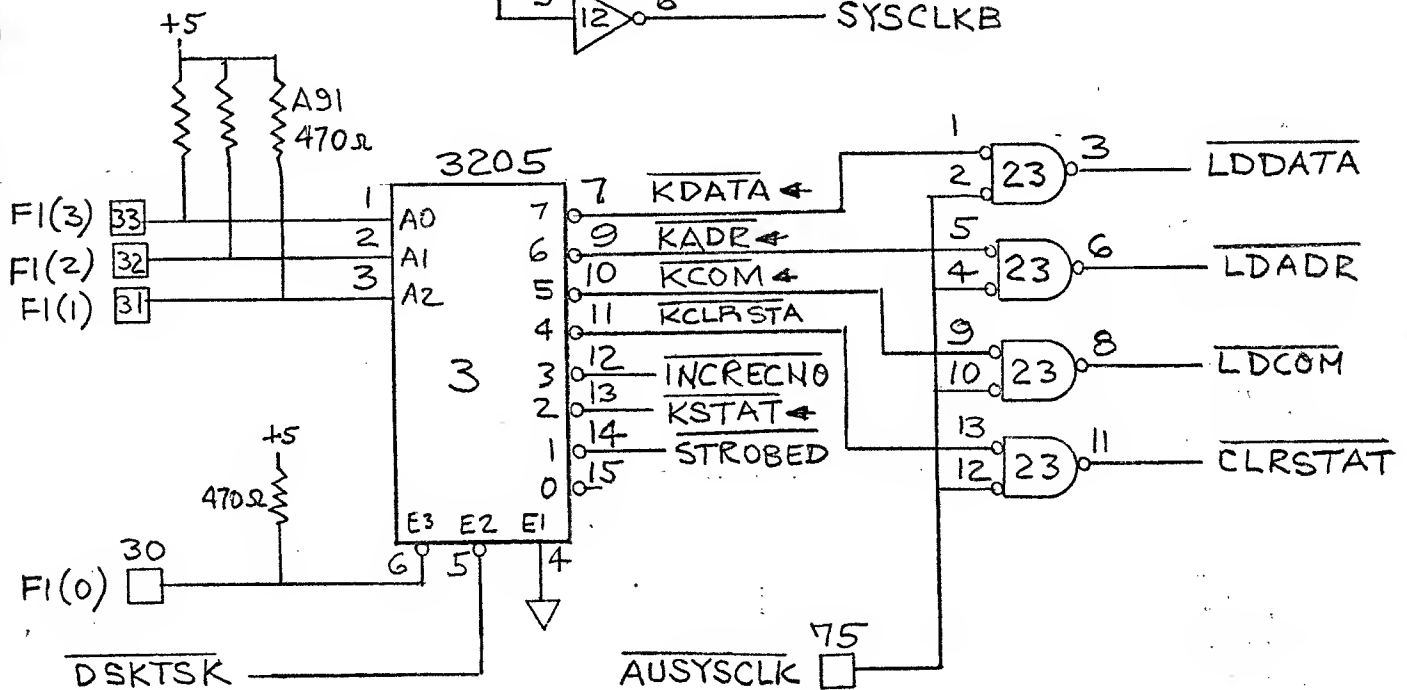
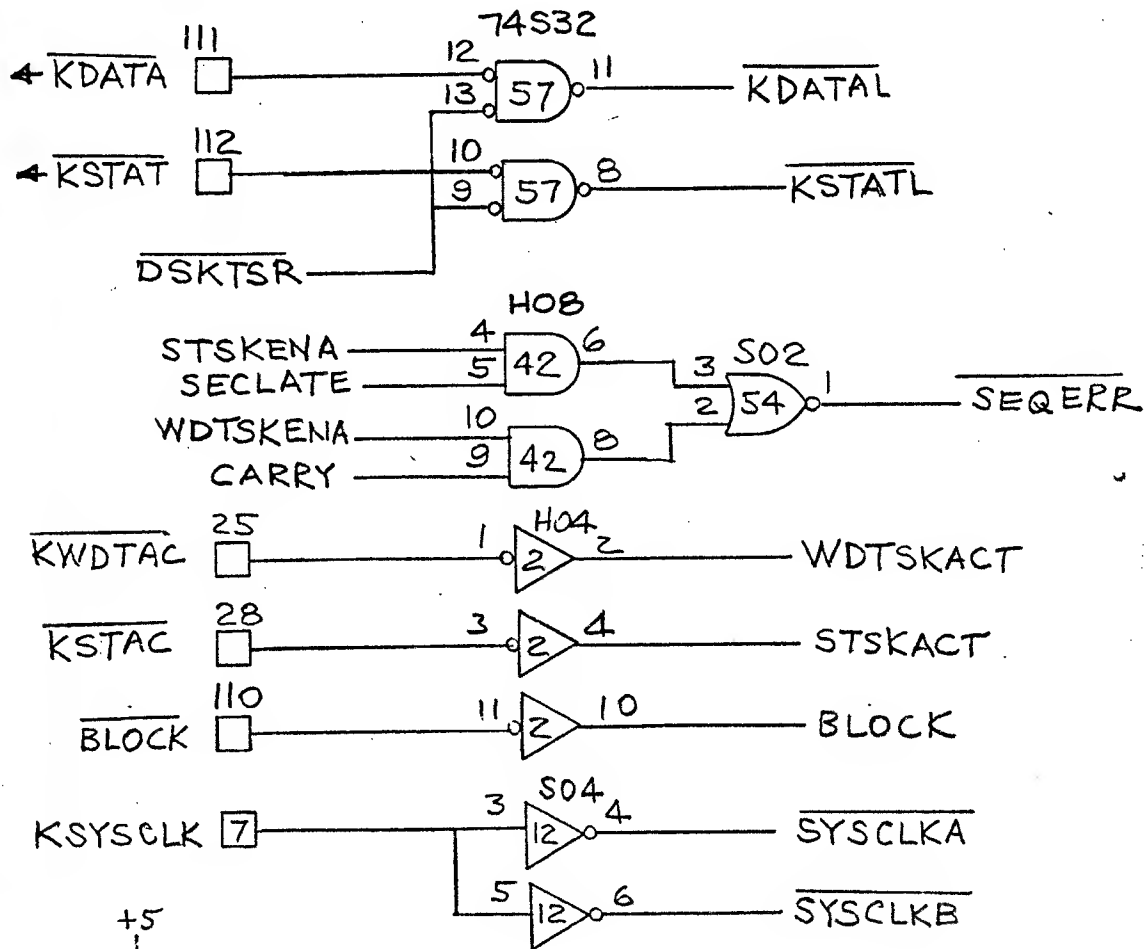
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F DECODE, CLOCKS

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